

Express Mail Label No: ET016201892US

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	Brian J. Mahoney, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	P05454US1

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:

Place Customer  
Number Bar Code  
Label here

Name	Registration Number
Donald H. Zarley	18,543
Timothy J. Zarley	45,253

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Donald H. Zarley, Zarley Law Firm P.L.C.			
Address	Capital Square			
Address	400 Locust Street, Suite 200			
City	Des Moines	State	IA	Zip 50309-2350
Country	US			
Telephone	515-558-0200	Fax	515-558-7790	

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name BRIAN J. MAHONEY


Signature 

Date 17 Dec 01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 4 forms are submitted.

Express Mail Label No: ET016201892US

Please type a plus sign (+) inside this box 

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

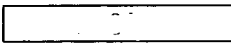

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Brian J. Mahoney, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	P05454US1

I hereby appoint:

☐ Practitioners at Customer Number  
☒ OR  
☒ Practitioner(s) named below:

Place Customer  
Number Bar Code  
Label here

Name	Registration Number
Donald H. Zarley	18,543
Timothy J. Zarley	45,253

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

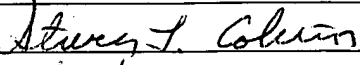
OR

<input checked="" type="checkbox"/> Firm or Individual Name	Donald H. Zarley, Zarley Law Firm P.L.C.				
Address	Capital Square				
Address	400 Locust Street, Suite 200				
City	Des Moines	State	IA	Zip	50309-2350
Country	US				
Telephone	515-558-0200	Fax	515-558-7790		

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
**SIGNATURE of Applicant or Assignee of Record**

Name	STEVEN L. COLVIN
Signature	
Date	12/17/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 4 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

20010122E44001

Express Mail Label No: ET016201892US

Please type a plus sign (+) inside this box 

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

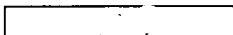
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Brian J. Mahoney, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	P05454US1

I hereby appoint:

☐ Practitioners at Customer Number **OR**☒ Practitioner(s) named below:Place Customer  
Number Bar Code  
Label here

Name	Registration Number
Donald H. Zarley	18,543
Timothy J. Zarley	45,253

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.


Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.**OR**

<input checked="" type="checkbox"/> Firm or Individual Name	Donald H. Zarley, Zarley Law Firm P.L.C.				
Address	Capital Square				
Address	400 Locust Street, Suite 200				
City	Des Moines	State	IA	Zip	50309-2350
Country	US				
Telephone	515-558-0200	Fax	515-558-7790		

I am the:

☒ Applicant/Inventor.
☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*
**SIGNATURE of Applicant or Assignee of Record**

Name	ARNOLD RUTZ
Signature	
Date	19-Dec-2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 4 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Express Mail Label No: ET016201892US

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Brian J. Mahoney, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	P05454US1

I hereby appoint:

☐ Practitioners at Customer Number 
  
OR
☒ Practitioner(s) named below:Place Customer  
Number Bar Code  
Label here

Name	Registration Number
Donald H. Zarley	18,543
Timothy J. Zarley	45,253

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Donald H. Zarley, Zarley Law Firm P.L.C.				
Address	Capital Square				
Address	400 Locust Street, Suite 200				
City	Des Moines	State	IA	Zip	50309-2350
Country	US				
Telephone	515-558-0200	Fax	515-558-7790		

I am the:

☒ Applicant/Inventor.
☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
**SIGNATURE of Applicant or Assignee of Record**

Name	STEPHEN LANG
Signature	<i>Stephen Lang</i>
Date	17 Dec. 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 4 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

### Assignment

The entire right, title and interest in and to this application and all subject matter disclosed and/or claimed therein, including any and all divisions, continuations, reissues, etc., thereof are, effective as of the date of execution of this application, assigned, transferred, sold and set over by the applicant(s) named herein to Deere & Company, a Delaware corporation having offices at Moline, Illinois 61265, U.S.A., together with all rights to file, and to claim priorities in connection with, corresponding patent applications in any and all foreign countries in the name of Deere & Company or otherwise.

2004-02-24-1007